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Urban District of Wirksworth

ANNUAL REPORT

of the

Medical Officer of Health

and

Sanitary Inspector

for the year

1951

W. S. G. Christie, M.B., Ch.B.
Medical Officer of Health

J. Taylor, M.R.S.I., M.S.I.A.
Sanitary Inspector

WIRKSWORTH URBAN DISTRICT COUNCIL:-

1 9 5 1

Chairman of Council:-	Councillor J. F. Slater
Vice Chairman:-	Councillor B. Gretton
Members:-	Councillor R. Brewer
	" I. A. Bunting
	" L. A. Doxey
	" S. B. Fearn
	" N. Harrison
	" J. J. Slack
	" Miss A. V. Stafford
	" G. H. Thompson
	" W. Wheatcroft

PUBLIC HEALTH STAFF.

Medical Officer of Health.
(a) Dr.W. S. G. Christie, M.B.,Ch.B.,

Sanitary Inspector
(a) J. Taylor, M.R.S.I., M.S.I.A.,

Water Bailiff.
W. Webber.

Clerk.
Miss E. M. Prince.

Rodent Operator.
Mr. Wm. Doxey. (Foreman).

(a) Salaries contributed to under Exhequer Grants.

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WIRKSWORTH URBAN DISTRICT COUNCIL.

Report of the Medical Officer of Health for 1951.

Mr. Chairman and Members of the
Wirksworth Urban District Council.

I have again the honour of presenting to you, my annual report this time for the year 1951.

Wirksworth, general statistics of which are given below, has as its main industry limestone quarrying which gives employment for many of the local inhabitatns. Tape Weaving, hosiery and garment factories are also lesser industries whilst the surrounding district is predominantly Agricultural and largely Milk Producing.

GENERAL STATISTICS.

Area (in acres) 4,015.
Population: Census (1939) 4,822
R.G. figures (1944) 4,514. (1945) 4,550. (1946) 4,643.
(1947) 4,684. (1948) 4,850. (1949) 4,875.
(1950) 4,897. (1951) 4,859.
Number of Inhabited Houses, 1,588.
Number of Families or Separate Occupiers, 1,591
This figure is variable owing to the post-war movement of population, and only a survey of the entire district would find out the exact population and separate families.
Rateable value, £23,655.
Sum represented by a Penny Rate, £92.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

			Total	Males	Females.
Live Births	Legitimate	-	75	43	32
	Illegitimate	-	5	4	1
Still Births	Legitimate	-	2	1	1
	Illegitimate	-	-	-	-
	Birth Rate	-	Live Births 16.46 Still Births 0.41		
Deaths			56	26	30

Death Rate - 11.3

No. of Women dying in/or in consequence of childbirth - Nil.
From Sepsis - Nil. From other causes - Nil.

Disease.	Total Cases Notified.	Cases Admitted to Hospital	Total Deaths.
Smallpox	None	None	None
Scarlet Fever	1	1	"
Diphtheria	None	None	None
Enteric Fever	"	"	"
Cerebro Spinal Fever	"	"	"
Puerperal Pyrexia	"	"	"
Pneumonia	8	1	2
Measles	15	None	None
Chickenpox	15	"	"
Ophthalmia Neonatorum	None	"	"
Erysipelas	1	"	"
Encephalitis Lethargica	"	"	"
Acute Polio-Myelitis	1	"	"
Whooping Cough	20	"	"

OPHTHALMIA NEONATORUM

Notified	Treated in Hospital	Vision	Deaths
None	-	-	-

NURSING ARRANGEMENTS, HOSPITAL AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

HOSPITALS:

The local Maternity Hospital under the Number 2 Hospital Management Committee of the Sheffield Regional Hospital Board now functions as an 18 Bedded Maternity Hospital and draws its cases from a wide area.

The Royal Infirmary, Women's Hospital, Children's Hospital and City Hospital, Derby, under the No.1 Hospital Management Committee of the same Regional Board, take cases from this district, and admissions are conducted on a bed-bureau system.

1. Professional Nursing in the Home.
   (a) General Nurse:- one, under the supervision of the County Authority.

2. Midwifery:
   (b) One Midwife:- under the supervision of the County Authority.

3. Clinics and Treatment Centres.
   (a) Maternity - Centre at Matlock, under the control of the County Authority.
   (b) Child Welfare - Centre at Wirksworth, under the control of the County Authority.
   (c) School Clinics - Centre at Wirksworth, under the control of the County Authority.
   (d) Tuberculosis Clinic - Centre at Matlock, under the control of the County Authority.

4. Other Hospitals for the District.

(a) Tuberculosis - Derbyshire Sanatorium, Nr. Chesterfield.

(b) Maternity - Accommodation is provided at Darley Hall Maternity Hospital, Darley Dale, Matlock.

(c) Infectious Cases - These are now allocated through the Bed Bureau to the Derwent & Draycott Isolation Hospitals.

5. Ambulance Facilities.

(a) Ambulance stationed at Matlock - nearest.

(b) Derby and District Ambulances available when necessary.

LABORATORY WORK.

Pathological and Bacteriological Examinations are made by the County Council Bacteriological Department.

Number of Specimens sent to the County Laboratory by private practitioners during 1951.

	Positive	Negative	Total
Diphtheria	None	None	0
Enteric Fever	"	"	0
Phthisis	"	"	0
Miscellaneous	"	"	0
TOTALS	None	None	0

Diphtheria Immunisation.

This service continues to be carried out by the General Practitioners of the area. Children of School age are mainly treated at School or School Clinic by the School Medical Officers.

Vaccination.

This service also, is carried out by the General Practitioners of the Area.

LIST OF ADOPTIVE ACTS, BYELAWS AND LOCAL REGULATIONS RELATING TO THE PUBLIC HEALTH IN FORCE IN THE DISTRICT

	Date of Adoption.
Infectious Disease (prevention) Act, 1890.	6th December 1893
Public Health (Amendment) Act, 1890. Part 111 (Subject to certain conditions as to Sects. 35 and 38 Order L.G.B. No.59992 of 22nd January, 1913).	5th March, 1913
Public Health (Amendment) Act, 1907. (subject to certain conditions as to Sects. 25, 27 and 30 Order L.G.B. No.63662, 29th May, 1915)	12th July, 1915

Bye-laws:-

New Streets and Buildings	-	1939
Common Lodging Houses	-	1879
Nuisances	-	1879
Cleaning Footways, Removal of House Refuse and Cleaning Closets, Privies, Ashpits and Cesspools.	-	1879

Byelaws made under Section 15 of the Food and Drugs Act, 1949 for securing the observance of Sanitary and cleanly conditions and practices in connection with the handling, wrapping and delivery of food etc.	10th July, 1950.
Shop Acts, 1912 - 28	25th August, 1930
do. 1934	26th November, 1934
Offensive Trades Order of L.G.B. No.63721, of 18th June, 1915 confirming Council's Order of 26th April, 1915, containing list of offensive trades.	26th April, 1915.
Chicken Pox Compulsory Notification Order for Compulsory Notification.	22nd February, 1926
Public Health Act, 1925, Parts 11 to 1V, except Sections 21, 22 &44.	2nd May, 1927.

Shops Acts, 1934, came into operation by adoption 1936.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

Both the quality and quantity of the water supplies for the Middleton and the Wirksworth areas have been satisfactory once again during the last year and the actual results of samples submitted by the Sanitary Inspector will be observed in a later portion of this report.

Various meetings took place during the year between the Council and their consulting engineers regarding the proposed new Borehole at Hanson Farm, Longway Bank, Wirksworth, and it has now been decided that early in the new year Imperial Chemical Industries Explosives Department will be commissioned to fire shots down this borehole in the hope of breaking up the close grained strata and thereby ensuring a steady flow of water into the borehole. It is understood that this blasting is to take place on February the 5th. 1952, and the Council will look forward with interest to the results obtained.

Meetings will also be taking place early in the new year with farmers and other persons concerned e.g. Agricultural Executive Committee regarding the provision of water supply to outlying farms in this area.

In addition to the above the Council have instructed their Consulting Engineers to prepare a larger scheme for the supply of water to the Rural parts of the Urban District together with alterations and improvement to the existing undertaking.

SEWERAGE AND SEWAGE DISPOSAL.

The new £30,000 Extension Scheme to the Derby Road Sewage Works, Wirksworth, progressed rapidly during the year and towards the end of 1951 the acutal constructional work had been almost completed, any delays on final completion being due to the non delivery of metal work etc. from Messrs Adams Hydraulics Limited. It is hoped that early in the new year these fittings will be to hand so that the whole Contract can be finalised. Parts of the new extensions are already in use, such as sludge beds, settling tanks, storm water tanks, and the main pump house.

Just before Christmas, work was commenced on the relaying of certain lengths of old sewer throughout the district to new falls in order to ensure that they will be self cleansing.

HOUSING.

Council Housing.

New Council Housing Schemes have been prepared and it is hoped that a commencement will be made on these early in 1952, meanwhile the following tables show the total number of new Council Houses and Private Houses completed during 1951:-

Wirksworth (Completion of Bournebrook Avenue Scheme)	-	4 Houses.
Middleton (Completion of Churchill Avenue Scheme)	-	9 Houses and Bungalows.
Total	=	13

Private Housing.

The following total indicates the number of houses and bungalows erected by private enterprise during the year 1951 :-

		3 Houses
		4 Semi-Bungalows
Total	=	7

Any New Adoptive Acts, Byelaws and Local Regulations relating to the Public Health in force in the District.

Nil.

GENERALLY.

The Health of the Urban District of Wirksworth has again maintained its usual high standard and reference to my detailed tables giving extracts from Vital Statistics of the year will show that the number of cases of Infectious Disease notified has been remarkably small except for minor ailments.

I have the honour to be,

Mr. Chairman, Madam and Gentlemen,

Your obedient Servant,

W. S. G. CHRISTIE,

Medical Officer of Health

REPORT OF SANITARY INSPECTOR FOR THE WIRKSWORTH URBAN DISTRICT FOR THE YEAR 1951.

SANITARY INSPECTOR:- J. Taylor, M.R.S.I., M.S.I.A.

o the Chairman and Members of the
Wirksworth Urban District Council.

adam and Gentlemen,

Once again I have the honour and pleasure of resenting to you my Annual Report; this being the sixth report which have prepared for the Wirksworth Urban District Council.

It will have been observed from the Medical Officer's eport that the two original post-war Housing sites at Middleton nd Wirksworth were completed during the year, and for the Council's nformation I would point out that this brings the total number of ouncil Houses constructed since the war to 131.

Four new Housing Schemes have now been prepared nd approved by the Ministry of Housing and Local Government, and owards the end of this year two of these schemes, namely:- The ounty Club Site (24 Houses) and the New Derby Road Site (20 Houses) ere already well under way, 36 houses being under construction, ater mains and sewers being practically completed and temporary oads laid.

It is anticipated that an early start will be ade in 1952 with the other two sites, one at Steeple Grange and the ther being the New Main Derby Road Site.

1) ANNUAL REPORT OF SANITARY INSPECTOR FOR THE YEAR 1951.

WIRKSWORTH URBAN DISTRICT.

ame of Inspector - J. Taylor, M.R.S.I., M.S.I.A.

stimated Population 4,859 - Mid Year 1951. Estimated No. of Houses - 1,588

ENERAL SANITARY ADMINISTRATION:	No. on Register	Increase or Decrease	Inspections Made
akehouses	4	Nil	4
anal Boats	Nil	Nil	Nil
ommon Lodging Houses	Nil	Nil	Nil
airies	1	Nil	20
actories and Workplaces	30	Nil	20
ouses Let in Lodgings	Nil	Nil	Nil
ce Cream Premises	14	2	114
arket Stalls	27	2	52
ilk Distributors	2	1	21
oveable Dwellings (a) Sites	4)	Not Registered and action taken by Council to secure removal.	9
(b) Dwellings	4)		4

	No. on Register	Increase or Decrease	Inspection Made
Offensive Trades	Nil	Nil	Nil
Outworkers	5	1	5
Preserved Food Stores	6	Nil	7
Shops	80	Nil	106
Slaughterhouses (With temporary Licences)	3	Nil	3

SAMPLING.

	No. of Samples taken.	Results.			
		Meth. Blue.		Fat.	
		Sat.	Unsat.	Sat.	Unsat.
Ice-Cream	103	103	-	-	-
		Meth. Blue.			
		Sat.	Unsat.		
Milk (a) Routine	25	23	2		
		Positive.	Negative.		
(b) Biological	Nil	Nil	Nil		
		Sat.	Unsat.		
(c) By Food & Drugs Authority.	22	20	2		
		Sat.	Unsat.		
Water (a) Mains	56	50	6		
(b) Other sources	-	-	-		

DRAINAGE.

		Estimated Population Involved.
No. of Houses in District connected to sewers	1530	4752
No. of Houses in District not connected to sewers	58	145
No. of connections made during year:-		
(a) existing houses	3	7
(b) new houses	20	
(c) other premises	Nil	
No. of conversions of other closets to W.C.'s.	8.	

(2) STATISTICS FROM VALUATION LIST.

It is suggested that following list of statistics will be of interest to the Council and these have been amended to date:

	No. of Hereditaments.	R.V.
1. DOMESTIC.		
(a) R.V. not exceeding £10	1013	6287
(b) R.V. exceeding £10 but not exceeding £13.	174	2112
(c) R.V. exceeding £13 but not exceeding £20.	272	4197
(d) R.V. exceeding £20.	66	1917
2. COMMERCIAL.		
(a) Shops	79	1771
(b) Other premises	47	1066
3. PUBLIC UTILITY.	7	2700
4. INDUSTRIAL	23	1497
5. MISCELLANEOUS	102	2034
Totals =	1783	23581

(3) No. of houses converted from Pail Closets, Privies, etc., to Water Closets during the year 1951 - 8.

No. of Pail Closets etc. converted to Water Closets during the past ten years.

Years	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
No.	54	5	2	Nil	3	2	10	19	5	8

Approximate Number of Houses at 31st December, 1951 with :-

(a) Privy Middens - 55
(b) Pail Closets - 94
(c) Water Closets - 1439

HOUSING.

I make no apology for repeating the following points which I set out in my 1950 report, because I do feel that it is important for these two points not only to be brought to the notice of both the Authorities concerned and the Council, but also for them to remain ever present in their minds, namely:-

1) The repair and maintenance of all those old private properties which are rendered uneconomical by the operation of the Rent Restriction Acts and

2) The fact that Council Houses are not being satisfactorily maintained and will not be so maintained until such time as the Council deem it expedient to employ their own direct labour mainenance staff.

MEDICAL OFFICER OF HEALTH.

W. S. G. CHRISTIE, M.B.Ch.B.,

(PART TIME, HALF SALARY CONTRIBUTED).

SANITARY INSPECTOR AND SURVEYOR.

J. TAYLOR, M.R.S.I., M.S.I.A.,

(FULL TIME. HALF SALARY CONTRIBUTED).

HOUSING.

No. OF HOUSES ERECTED DURING YEAR 1951.

1. By Private Enterprise - 7.
2. By Local Authority - 13.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR:-

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts). 184
(b) Number of inspections made for the purpose. 324

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932. 1
(b) Number of inspections made for the purpose. 4

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to Health as to be unfit for human habitation.

(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation. 183

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers. 149

3. PROCEEDINGS UNDER SECTION 11 and 13 OF THE HOUSING ACT 1936:-

(1) Number of dwelling-houses in respect of which Demolition Orders were made. 1

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders. -

(3) (a) Number of houses demolished in anticipation of formal procedure under the Housing Act, 1936. -

(b) Number of dwelling-houses where undertakings were accepted. -

4. HOUSING ACT, 1949. Part 11.

(1) Number of applications for improvement grants approved - Ni

(2) Number of dwelling houses improved during the year - Ni

5. COMMON LODGING HOUSES.

There are no Common Lodging Houses in the area.

6. TENTS, VANS AND TEMPORARY STRUCTURES.

The Council have continued to exercise strict control throughout the whole of their area during the year with a result that there has been no growth of undesirable unlicensed dwellings or sites within the boundaries of the Urban District.

In August, 1951, on the instructions of the Council, I attended the Matlock Court with Mr. R. Lill (Matlock U.D.C. Sanitary Inspector) and gave evidence regarding the colony of caravan dwellers situated on the northern outskirts of this Urban District, but being within the adjoining Urban Area. It will be observed that I have made reference to this caravan colony in my Annual Reports over the last few years. The outcome of the Court Case was that the person responsible for the offence was fined Five-Pounds and threatened with an additional fine of Forty-Shillings per day if the offence should continue.

Following this Court Case one of the moveable dwellings was removed from the Site completely, but another refused to go and I am informed that a further Court Case is pending and will be taken forward by the Matlock Urban District Council.

7. INFECTIOUS DISEASE AND DISINFECTION.

The Urban District's record of an almost complete absence of serious cases of infectious disease which had been enjoyed during the last few years was again maintained, and throughout the year 1951 only one case of Scarlet Fever was notified, whilst there was a complete absence of any cases of Diphtheria. This is indeed a very healthy state for the area and one of which the Council may be justifiably proud.

Precautionary terminal disinfection was as usual carried out by my Staff in respect of the above one case.

8. DISINFESTATION.

Once again no cases of bed-bug infestation were brought to my notice this year.

Cases of infestation with woodworm and the death watch beetle continued to arise from time to time and these were all inspected and the necessary advice given and precautionery measures taken either by the Council's own Staff or by the householder with borrowed equipment from the Council.

9. WATER SUPPLY DURING THE YEAR, 1951.

MONTH	RAINFALL 1949 inches	RAINFALL 1950 inches	RAINFALL 1951 inches	YIELDS OF SPRINGS IN GALLS. PER HOUR 1951.
January	1.65	1.04	3. 0	12,000
February	1.40	6.10	3.98	10,550
March	1.88	1.52	4.67	17,000
April	2.73	3.15	2.37	18,200
May	2.06	1.43	2.73	12,000
June	0.69	1.62	1.50	6,400
July	3.36	2.74	0.76	5,292
August	2.06	4.08	5.71	4,100
September	1.42	4.17	2.73	3,200
October	4.46	1.04	0.88	3,500
November	4.29	4.72	8.43	3,333
December	3.38	2.10	3.38	12,000
TOTAL	29.38	33.71	40.14	

(i) (a) Monthly samples of water taken by me throughout the year proved that the quality of the various supplies has been maintained.
Once again the open reservoirs were the cause of any unsatisfactory samples of water which were taken and this was particularly noticeable after very heavy prolonged rains. Throughout the winter months the Water Bailiff has ceased to chlorinate the water supply and as the Council already know even the summer dosing of the water supply with chlorine in the open reservoirs is most inefficient and at no time can the water supply be termed a properly and efficiently chlorinated one whilst the present methods continue. In fact I have now adopted the policy of submitting the samples to the County Bacteriologist as nonchlorinated water samples, taking the attitude that the chloros which is put into the open reservoirs is for the purpose of inhibiting algal growth and cannot under any stretch of imagination pretend to present a properly chlorinated water supply to the consumers tap.

(b) Once again, reference to the Medical Officer of Health's report will show that the water supplies at both Wirksworth and Middleton-by-Wirksworth have been very satisfactory with respect to quantity throughout the year under review, and again thanks to the Water Bailiff no shortage has been experienced.

(ii) Fifty-six samples in all were submitted by me during 1951; of these, fifty were satisfactory, and six unsatisfactory. Herewith are a few selected typical results of analyses taken throughout the year and I reproduce them for your information.

Lab. Ref. No. A.1548/50.

DERBYSHIRE COUNTY COUNCIL.

Public Health Laboratory.

County Offices, St. Mary's Gate, Derby.

BACTERIOLOGICAL WATER REPORT.

Authority: Wirksworth U.D.C.

Source of Sample: Town Hall, Wirksworth - tap over sink direct from main.

Date of Receipt: 11.1.51. Age in Hours ¾.

CL. WELCHII. Not Done.

PRESUMPTIVE COLIFORM COUNT.

Probable number of coliform bacilli present = Nil. per 100 ml.

DIFFERENTIAL COLIFORM TEST.
Probable number of faecal B. Coli = -------- per 100 ml.

Bacteriologically the sample of water is suitable for drinking purposes.

Date:- 15.1.51.

J.L.G. IREDALE.

County Bacteriologist.

Lab. Ref. No. A.1902/50.

DERBYSHIRE COUNTY COUNCIL.

Public Health Laboratory.

County Offices, St. Mary's Gate,

Derby.

BACTERIOLOGICAL WATER REPORT.

Authority: Wirksworth U.D.C.

Source of Sample: Thorntree House, Cromford Rd., Wirksworth. Tap over sink direct from main.

Date of receipt: 14.3.51. Age in Hours ?

CL. WELCHII. Not Done.

PRESUMPTIVE COLIFORM COUNT.

Probable number of coliform bacilli present = Nil. per 100 ml.

DIFFERENTIAL COLIFORM TEST.

Probable number of faecal B. Coli = - per 100 ml.

Bacteriologically the sample of water is suitable for drinking purposes.

Date:- 16.3.51.

J.L.G. IREDALE.

County Bacteriologist.

Lab. Ref. No. A.400/51.

DERBYSHIRE COUNTY COUNCIL.

Public Health Laboratory.

County Offices, St. Mary's Gate,

Derby.

BACTERIOLOGICAL WATER REPORT.

Authority: Wirksworth U.D.C.

Source of Sample: 8, Churchill Avenue, Middleton. Tap over sink direct from main.

Date of Receipt: 6.6.51. Age in Hours 1½.

CL. WELCHII = No Done.

PRESUMPTIVE COLIFORM COUNT.

Probable number of coliform bacilli present = Nil.

DIFFERENTIAL COLIFORM TEST.

Probable number of faecal B. Coli = - per 100 ml.

Bacteriologically the sample of water is suitable for drinking purposes.

Date:- 8.6.51.

J.L.G. IREDALE.
County Bacteriologist.

Lab. Ref. No.A.943/51.

DERBYSHIRE COUNTY COUNCIL.

Public Health Department.

County Offices, St. Mary's Gate,
Derby.

BACTERIOLOGICAL WATER REPORT.

Authority: Wirksworth U.D.C.

Source of Sample: The Basin, The Green, Middleton-by-Wirksworth.

Date of Receipt: 5.9.51. Age in Hours $1\frac{3}{4}$.

CL. WELCHII = Not Done.

PRESUMPTIVE COLIFORM COUNT.

Probable number of coliform bacilli present = Nil per 100 ml.

DIFFERENTIAL COLIFORM TEST.

Probable number of faecal B. Coli = - per 100 ml.

Bacteriologically the sample of water is suitable for drinking purposes.

Date:- 7.9.51.

? ? ?
Bacteriologist.

Lab. Ref. No. A.1467/51.

DERBYSHIRE COUNTY COUNCIL.

Public Health Department.

County Offices, St. Mary's Gate,
Derby.

BACTERIOLOGICAL WATER REPORT.

Authority: Wirksworth U.D.C.

Source of Sample: Town Hall, Wirksworth. Tap over sink.

Date of Receipt: 4.12.51. Age in Hours $1\frac{1}{2}$.

CL. WELCHII. = Not Done.

PRESUMPTIVE COLIFORM COUNT.

Probable number of coliform bacilli present = Nil per 100 ml.

DIFFERENTIAL COLIFORM TEST.

Probable number of faecal B. Coli. = - per 100 ml.

Bacteriologically the sample of water is suitable for drinking purposes.

Date:- 6.12.51.

J.L.G. IREDALE.

County Bacteriologist.

(iii) Plumbosolvent Action - Reference to my Annual Report for the year 1949 will show that it is not necessary for any precautions to be taken in respect of plumbosolvent action. This is made quite clear by the reports of the County Analyst upon samples of the raw water which were submitted during that year for determination as to whether or not Wirksworth and Middleton-by-Wirksworth waters possessed any aggressive action on metals.

(iv) The only unfit samples taken during the year were those six to which I have already referred in paragraph 2, and once again the trouble can be attributed to the open reservoirs; suitably cleaning out and dosing with chloros being the only remedy available.

(v) APPROXIMATE FIGURES FROM INFORMATION AVAILABLE.

(a) Number of Dwelling Houses supplied from Public Water Mains direct to houses	1507
(b) Number of Population supplied from Public Water Mains direct to houses	4692
(c) Number of Dwelling Houses supplied from Public Water Mains by means of stand pipes	17
(d) Number of Population supplied from Public Water Mains by means of stand pipes	60

(10) REFUSE COLLECTION.

The Council's New Karrier C.K.3 Refuse Collecting Vehicle was delivered in January of this year and the arrival of this new vehicle was very welcome indeed, as the old Karrier Bantam was fast becoming a continual source of worry to keep on the road day after day in order to provide a service for the collection of refuse extending over 5½ days per week. The new vehicle has given splendid service during its first year of life and an efficient machine is appreciated all the more when it is realised how rapidly the Council Housing Estates are growing, as each new house erected provides additional work for the refuse collecting team.

The new vehicle has been fitted with snow ploughing apparatus and will be used for snow clearing purposes during the winter months.

In addition to the above work this vehicle is also employed on night work for the collection of pail and privy closets.

All Wirksworth Town refuse is dealt with at the Hopton Lane Tip and all Middleton-by-Wirksworth refuse at the Middleton Tip.

Cost of Refuse Collection and disposal for 1951.

Total Cost for Whole Year.	Cost per House for whole year. £. s. d.	Cost per Head for whole year. £. s. d.
£1705.16. 5	1. 1. 1¾	7. 0¼

TOTAL COST PER HEAD PER WEEK FOR WEEKLY REFUSE COLLECTION:-

1.61 pence per week.

(11) ATMOSPHERIC POLLUTION AND SMOKE ABATEMENT.

I am pleased to be able to report that at the end of the year under review the smoke pollution trouble, which had been experienced from a small pasteurising plant over a considerable period, finally ceased. As this dairy is now supplied with pasteurised milk in bottles from outside sources and is only acting in the capacity of a holding depot, it will not, therefore, be necessary for the owner to use the boiler in future.

Other than the above, my remarks of last year will apply and the atmosphere over this area is relatively clean and unpolluted.

(12)

RATS AND MICE (DESTRUCTION) ACT, 1919. INFESTATION ORDER, 1942, AND PREVENTION OF DAMAGE BY PESTS ACT, 1949.

It is once again my pleasure to report that the fullest co-operation has continued during 1951 between the Ministry of Agriculture and Fisheries and this Council regarding rodent control. As in previous years, the Council's Rodent Operator (Mr. Wm. Doxey) has enjoyed the advice and assistance of Mr. Mulligan, Divisional Rodent Inspector of the Ministry of Agriculture and Fisheries.

Towards the end of the year I decided to try the new "Warfarin" treatment on one of the Council's Tips which had been a continual source of worry, and assisted by Mr. Mulligan, this work was carried out and a joint report rendered to the Scientific Branch of the Ministry of Agriculture andFisheries. They have expressed themselves very gratified indeed with the results obtained and have thanked me for "an interesting and helpful report prepared on the use of "Warfarin" in this district". For the information of the authorities concerned I reproduce herewith a copy of this report.

Cir. No.3/52a.

Joint Report of Warfarin treatment at at Hopton Lane Refuse Tip Wirksworth U.D.C. 13/12/51 - 4/1/52.

Introduction.

This tip is situated in a field rented by the Wirksworth U.D.C. on the Hopton Road to the West of Wirksworth. It was decided to use this tip for a Warfarin treatment and treatment was commenced on 13/12/51 by the part time operator of the Council under the supervision of the D.R.I.

Description of environment.

The field is about 2 acres in extent and is a disused quarry. A road runs along one side of the tip separated from the tip by a stone wall. This tip is surrounded by agricultural land. It has been impossible to stop illegal dumping of bones and other refuse attractive to rats. Warning notices have been posted and the gate is always locked (see annual report for March - Dec. 1950). Also see Sanitary Inspectors Annual Report for the Year 1950.

Description of Infestation.

A major infestation of common rat existed round the tip and in adjacent walls which run along two sides of the tip.

Previous History.

Periodic treatments have been given to this tip with recommended baits, poisons, gassing and wire cage and traps, and although the kills have been good it has never been possible to leave the tip for a longer period than a month. The last treatment carried out was in November, 1951, when sausage rusk and Antu 2% were used. Eleven bodies were picked up. It is pertinent at this point to mention that over a period of two years, 400 bodies have been picked up, using the various methods mentioned above.

Treatment.

Warfarin 0.5% (Sorexa 5) and oatmeal were used. Special precautions were taken to cover all baits and to protect them from any animals that may have wandered on to the tip. Poison bait was laid on the 13/12/51 and is still down although the number of points has been reduced from 51 to 36. A thorough survey was made and all points were given indentifying numbers. New holes were found on the second day and were included in the treatment. Warning notices were posted warning that poison had been laid on the tip.

Time Table.

13/12/51. Premises surveyed and poison bait laid. 8 oz. Points laid.

14/12/51 to 24/12/51. Takes observed and recorded and bodies picked up.

24/12/51. 14 Holes filled in.

24/12/51 to 4/1/52. Tip inspected daily. No holes have been re-opened.

Summary of treatment.

Number of poison points	51	
" " " takes	158	(13/12/51 to 4/1/52)
" " complete "	31	(" ")
" " bodies picked up	23	
" " holes re-opened	Nil.	

As a result of this treatment the tip appears clear at the present time.

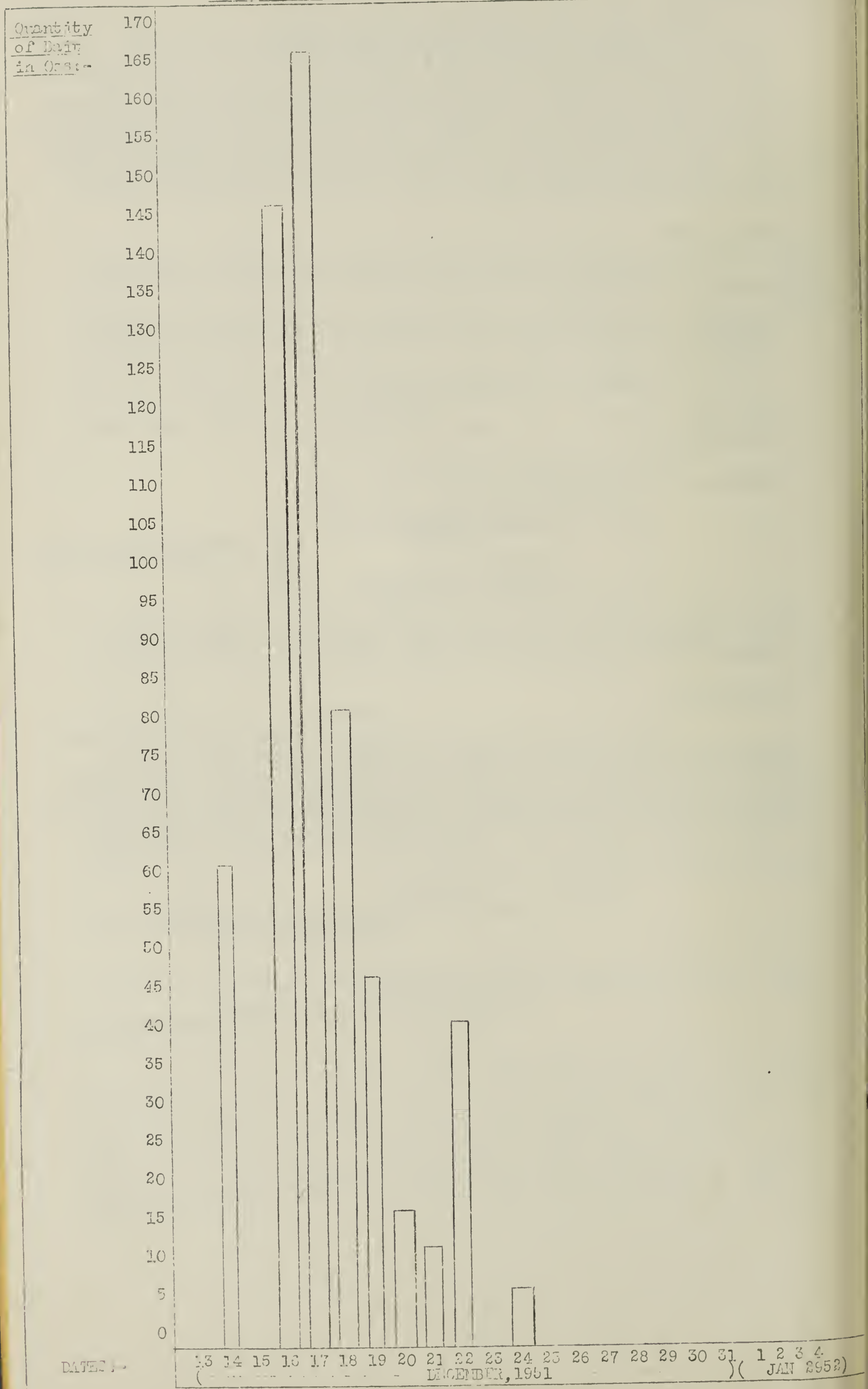
Conclusion.

It is felt that having regard to our experiences over a period of two years, using all types of baits and poisons, etc., the "Warfarin" treatment as described in the above report has proved itself to be the most efficacious of all, and in our opinion is to be thoroughly recommended for use on isolated sites which present pockets of resistance, such as this Hopton Tip.

(Signed) J. TAYLOR.
Surveyor and Sanitary Inspector,
Wirksworth U.D.C.

and T. MULLIGAN.
Divisional Rodent Inspector,
Ministry of Agriculture & Fisheries.

GRAPH INDICATING QUANTITY OF "WARFERIN"
TAKEN FROM 13th DEC. 1951 TO 4th JAN. 1952.



WARFARIN TREATMENT AT HOPTON LANE REFUSE TIP WIRKSWORTH.

Table shews quantity of Bait taken daily from each Point.

Note:- N.T. = No Take.
C. = Complete Take.
½ or ¼ etc. = Fraction of 8 ozs. Bait taken.

os. of ozs. oints.	DECEMBER, 1951 Dates:- 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	JAN,1952 1	2	3	4
1.		NT		½	¼	NT	NT	NT	NT	NT		NT											
2.		NT		NT	½	NT	NT	NT	NT	NT		NT											
3.		NT		¼	NT	⅛	NT	NT	NT	NT		NT											
4.		NT		¼	½	⅛	¼	⅛	NT	⅛		NT											
5.		NT		¼	½	⅛	⅛	NT	NT	⅛		NT											
6.		¼		½	¼	⅛	⅛	NT	NT	⅛		NT											
7.		¼		½	C	¼	⅛	NT	NT	⅛		NT											
8.		C		C	C	½	NT	NT	NT	NT		NT											
9.		½		¼	¼	⅛	NT	NT	NT	NT		NT											
10.		¼		NT	NT	NT	NT	NT	NT	NT		NT											
11.		¼		¾	C	NT	NT	NT	NT	NT		NT											
12.		NT		½	C	NT	NT	⅛	NT	⅛		NT											
13.		½		¼	C	NT	NT	NT	NT	NT		NT											
14.		½		NT	C	½	⅛	NT	NT	⅛		NT											
15.		¼		C	½	C	½	⅛	NT	NT		NT											
16.		NT		¼	¾	½	½	NT	NT	⅛		NT											
17.		¼		C	C	C	C	NT	NT	C		NT											
18.		NT		C	C	¼	NT	⅛	NT	NT		NT											
19.		½		C	C	¾	¾	½	NT	C		⅛											
20.		½		C	C	¼	NT	⅛	½	C		⅛											
21.		NT		NT	C	½	½	¼	½	½		⅛											
22.		NT		C	¾	¾	¼	NT	⅛	⅛		NT											
23.		½		C	½	C	¾	¾	NT	½		NT											
24.		NT		C	¼	NT	NT	NT	NT	NT		NT											
25.		¼		NT	½	¼	⅛	NT	NT	NT		NT											
26.		½		C	½	½	⅛	NT	NT	⅛		NT											
27.		C		¾	¾	¼	NT	NT	NT	NT		NT											
28.		NT		NT	½	⅛	NT	NT	NT	NT		NT											
29.		¾		¼	¼	NT	NT	NT	NT	NT		NT											
30.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
31.		¼		¼	NT	NT	NT	NT	NT	NT		NT											
32.		NT		¼	¼	½	⅛	NT	NT	NT		NT											
33.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
34.		NT		¼	NT	NT	NT	NT	NT	NT		NT											
35.		NT		¼	NT	NT	⅛	NT	NT	NT		NT											
36.		NT		NT	¼	NT	NT	NT	NT	NT		NT											
37.		¼		C	NT	¼	NT	NT	NT	NT		NT											
38.		NT		NT	½	NT	NT	NT	NT	NT		NT											
39.		NT		NT	¼	NT	NT	⅛	NT	NT		NT											
40.		NT		NT	NT	NT	⅛	NT	NT	NT		NT											
41.		NT		NT	¼	NT	NT	NT	NT	NT		NT											
42.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
43.		NT		½	½	NT	NT	NT	NT	NT		NT											
44.		¼		½	¼	⅛	NT	NT	NT	NT		NT											
45.		NT		NT	NT	⅛	⅛	NT	NT	NT		NT											
46.		NT		¼	NT	NT	NT	NT	NT	NT		NT											
47.		NT		NT	¼	NT	NT	NT	NT	NT		NT											
48.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
49.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
50.		NT		NT	NT	NT	NT	NT	NT	NT		NT											
51.		NT		NT	¼	NT	NT	NT	NT	NT		NT											
Total Ozs.	62			148	163	80	46	18	9	41		3											
No. Bodies.				1	1	4	4	5	1	4		3											

Total Quantity of Bait taken = 35-lbs. 15-ozs. Total No. of Bodies:-23.

The following is the annual report required by the Ministry of Agriculture and Fisheries on the work carried out during the period under review.

Form PDP/R.2.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.
REPORT FOR YEAR ENDED 31st. DECEMBER, 1951.

NAME OF LOCAL AUTHORITY WIRKSWORTH U.D.C. (COUNTY) Derby.

	Type of Property.				
	Local Authority.	Dwelling Houses	Agricultural.	All other (including Business & Industrial)	Total
I. Total number of properties in Local Authority's District (Notes 1 & 2)	8	1490	35	250	1783 *
II. Number of properties inspected by the local Authority during 1951 as a result (a) of notification or (b) otherwise (Notes 1, 2 and 3).	(a) -	11	1	1	13
	(b) 8	-	-	-	8
III. Number of properties (under II) found to be infested by rats (Notes 1, 2 and 3)	Major 1	-	-	-	1
	Minor 4	1	1	1	7
IV. Number of properties (under II) found to be seriously infested by mice (Notes 1, 2 & 3)	-	-	-	-	-
V. Number of infested properties (under III and IV) treated by the Local Authority (Notes 1, 2 & 3)	19	1	1	1	22
	Note:-	These include Re-treatments.			
VI. Number of notices served under Section 4:- (1) Treatment	-	-	-	-	-
(2) Structural Works (i.e. Proofing)	-	-	-	-	-
Total	-	-	-	-	-
VII. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4	-	-	-	-	-
VIII. Legal Proceedings (see overleaf)	-	-	-	-	-
IX. Number of "block" control schemes carried out	Nil.				

Contd.

NOTES.

Note 1. A property means a property separately entered in the Valuation Roll for the area.

Note 2. Council houses should be included under Dwelling Houses. Premises used by Local Authority for purposes of trade should be included under Business or Industrial Premises. Sewers should not be included.
Only properties devoted to agricultural or horticultural production should be included under Agricultural Properties.
Combined dwelling and business premises where occupied by the same person should be included under Business Premises otherwise they should be entered separately.

Note 3. 11, 111, 1V and V in each case relate to the number of properties inspected as defined in Note 1 and not to the number of inspections, infestations or treatments at each property.

VIII. Please give brief particulars of legal proceedings taken under the Act by the Local Authority.

1) No Statutory Action was found to be necessary throughout the period under review.

Remarks:-

* Note:- 1) The Rating Officer to the Urban District Council has kindly rechecked his Valuation Lists and produced these figures allocated between the various headings. Owing to difficulties in segregating different types of properties these differ slightly from those reported last year.

Note:- 2) Reference Joint Report of Warfarin treatment at Hopton Lane Refuse Tip, Wirksworth Urban District Council Cir. No.3/52a and Ministry of Agriculture and Fisheries letter dated 16th. January, 1952 (I.R.4780). I would report that this Tip remains quite clear - 16 permanent baiting points are being maintained.

Signed on behalf of the Authority - J. TAYLOR
Designation Sanitary Inspector & Surveyor.
Date: 28th. March, 1952.

13. FOOD AND MEAT INSPECTION.

Once again all meat for the Wirksworth Urban District continued to be supplied through the Central Abbatoir at Derby, and it is again not possible therefore to complete the table set out in the form of Para. 8 of Ministry of Health's Circular 42/51.

I have received no official complaints regarding the quality of meat delivered to the local butchers during the year 1951.

It is gratifying to be able to report that all the Meat Preparation Rooms in the Urban District have now been very greatly improved and in October of 1951 my Council re-registered all such premises following these improvements.

14. FOOD POISONING OUTBREAKS.

1) Food Poisoning Notifications (Corrected) Returned to R.G.

1st Quarter - Nil. 2nd Quarter - Nil. 3rd. Quarter - Nil. 4th Quarter - Nil.

Total = Nil.

2) Outbreaks due to Identified Agents.

Total Outbreaks - Nil. Total cases - Nil.

Outbreaks due to:-

(a) Chemical Poisons - Nil.
(b) Salmonella Organisms - Nil.
(c) Staphylococci (including toxin) - Nil.
(d) Cl. botulinum - Nil.
(e) Other bacteria - Nil.

3) Outbreaks of undiscovered cause.

Total outbreaks - Nil. Total cases - Nil.

4) Single Cases.

Agent identified - Nil. Unknown cause - Nil. Total - Nil.

5) Number of Deaths:- Nil.

15. DAIRIES
FOOD AND DRUGS (MILK AND DAIRIES) ACT, 1944.
MILK AND DAIRIES REGULATIONS, 1949.

Until the latter part of the year I continued to make joint inspections, with the County Sanitary Inspector, of the licensed Pasteurising Plant in this district (the Dairy of which was registered with my Authority) and for this purpose we made twenty visits to the premises. This Dairy has now ceased to pasteurise milk on the premises, and I shall, therefore, in future, visit the Dairy and carry out inspections myself, as the County Sanitary Inspector will no longer have the duty of calling at this Establishment.

Although the County Sanitary Inspector has been gravely concerned over various routine methods adopted at this Dairy, yet samples submitted to the Methylene Blue and Phosphatase Tests have proved on the whole very satisfactory throughout the year and of twenty-five samples only two were not satisfactory.

We both feel that a very good step has been taken in the right direction now the Dairyman is obtaining his Pasteurised Milk in bottles from outside sources, because these small premises tend to outgrow themselves and they can never be brought up to the requisite standards as business expands, nor can those conditions of hygiene prevail which are a normal routine in large and well run establishments.

Again many thanks to the County Sanitary Inspector for his co-operation during the last year.

16. FOOD AND DRUGS ACT, 1938.

The following results and particulars of samples taken in this district on behalf of my Council by the Derbyshire County Council Food and Drugs Authority have once again been supplied to me by the County Analyst, Mr. R.W. Sutton, B.Sc., F.R.I.C.,F.C.S.

Thirty-six samples, including twenty-two Milks, were taken under the above Act in the area of the Wirksworth Urban District Council during the year 1951.

One sample of Milk contained a small amount of added water and one was deficient in Fat. The vendors of these samples were cautioned.

The remaining samples were all classed as satisfactory.

17. FISH - FRYING PREMISES.

The three Fish Frying Premises in this area have all received routine inspections during the year, and I am pleased to be able to report that the conditions obtaining therein are very satisfactory indeed, and I have no complaints whatsoever to make regarding these establishments.

Whenever condemnation of any fish whatsoever is necessary, this has always been dealt with under "Voluntary Surrender" procedure.

18. ICE-CREAM
(HEAT TREATMENT) REGULATIONS, 1947.
ICE-CREAM REGULATIONS - FOOD AND DRUGS ACT, 1938.

Continued increase in the number of Registered Ice-Cream Premises within the area has now brought the total figure up to fourteen and again the Medical Officer of Health has been ready and willing at all times to visit these premises jointly with me and carry out inspections of the same. The practice of taking regular monthly samples of ice-cream as recommended by the Authorities concerned has continued and there is not the slightest doubt that due to this regular sampling the grades of ice-cream have improved considerably.

The Council will be pleased to note that during 1951 not one sample of ice-cream failed to reach either Grades 1 or 2 as explained in Ministry of Health Circular 69/47. This is a very good record indeed and the best obtained in this area to date.

One-hundred-and-fourteen visits and inspections have been made to ice-cream premises during the year 1951 and herewith are the results of samples submitted by me to the County Bacteriologist.

(1)	Provisional	Grade	1	-	88 samples.
(2)	"	"	2	-	15 "
(3)	"	"	3	-	Nil "
(4)	"	"	4	-	Nil "

FACTORIES ACT, 1937 & 1948.

Herewith is my Factory Report for the year 1951:-

PART 1 OF THE ACT.

1. INSPECTIONS for the purpose of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c Line No. (2)	Number on Register (3)	Number of: Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	M/c Line No. (7)
(1) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities.	1	6	3	3	Nil	1
(11) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	2	24	17	12	Nil	2
(111) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises.	3	5	11	Nil	Nil	3
TOTAL		35	31	15	Nil	

2. CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars. (1)	M/c Line No. (2)	Number of cases in which defects were found.				No. of cases in which prosecutions were instituted (7)	M/c Line No. (8)
		Found (3)	Remedied. (4)	Referred			
				To H.M Inspector. (5)	By H.M Inspector. (6)		
Want of Cleanliness (S.1).	4	1	1	Nil	Nil	Nil	4
Overcrowding (S.2).	5	Nil	Nil	Nil	Nil	Nil	5
Unreasonable temperature (S.3).	6	Nil	Nil	Nil	Nil	Nil	6
Inadequate Ventilation (S.4)	7	Nil	Nil	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	1	1	Nil	Nil	Nil	8
Sanitary Conveniences (S.7) (a) insufficient.	9	2	Nil	Nil	Nil	Nil	9
(b) Unsuitable or defective.	10	1	1	Nil	Nil	Nil	10
(c) Not separate for sexes.	11	Nil	Nil	Nil	Nil	Nil	11
Other offences against the Act (not including offences relating to Outwork)	12	2	2	Nil	Nil	Nil	12
TOTAL	60	7	5	Nil	Nil	Nil	60

PART VIII OF THE ACT.

OUTWORK.

(Sections 110 and 111)

Nature of Work. (1)	M/c. Line No. (2)	Section 110: No. of out-workers in August list required by Sect. 110 (1) (c) (3).	Section 110: No. of cases of default in sending lists to the Council. (4)	Section 110: No. of prosecutions for failure to supply lists. (5)	Section 111: No. of instances of work in unwholesome premises. (6)	Section 111: Notices Served. (7)	Section 111: Prosecutions (8)	M/c Line No. (9)
Wearing apparel: Making etc. Cleaning and Washing	13	5	Nil	Nil	Nil	Nil	Nil	13
	15-44	Nil	Nil	Nil	Nil	Nil	Nil	15-44
TOTAL	70	5	Nil	Nil	Nil	Nil	Nil	70

Many thanks indeed, once again, to Mr. R.L. Lind, H.M. Inspector of Factories for his continued co-operation.

20.

BAKEHOUSES.

Only two Bakehouses continued to operate in this area during the year; one of these being the modern and hygienic bakehouse mentioned in my report last year, whilst the other was a trade carried on in old and rather dilapidated premises which cannot hope to be brought up to modern standards as there is insufficient room for extensions and improvements.

Routine visits were made to these two premises and the occupiers attention brought to minor matters which were rectified forthwith.

CONCLUDING REMARKS.

May I once more, as in the past, thank the Chairman and Members of the Council together with other officials and in particular the Medical Officer of Health for their continued assistance and co-operation throughout the period under review, and I should not like to end without also thanking the Council Foreman, Mr. Wm. Doxey, and his men for the Public Health work which they have carried out this year.

I am, Madam and Gentlemen,

Your obedient Servant,

J. TAYLOR,

Sanitary Inspector and Surveyor.